

## CLAIMS:

1. A user interface for a magnetic resonance imager, arranged to assign values to at least one attribute used to influence the visual presentation of an acquired magnetic resonance image, characterized in that the values of the at least one attribute are arranged to be chosen from information indicating the effects of their assignment on the content of the visually presented acquired magnetic resonance image.  
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2. A user interface as claimed in claim 1, wherein the value of the at least one attribute determines parameters which control the acquisition of magnetic resonance signal which is reconstructed to form the acquired magnetic resonance image, characterized in that, the values of the at least one attribute are arranged to be chosen from information indicating the effect of the determined parameters on the acquisition of the magnetic resonance signal which is reconstructed to form the acquired magnetic resonance image.  
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3. A user interface as claimed in claim 1, characterized in that, the information indicating the effects of the assignment of the attributes on the content of the visually presented magnetic resonance image is presented as a series of discrete choices.  
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4. A user interface as claimed in claim 3, characterized in that, the information presented in a series of discrete choices is presented as a series of visual samples.  
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5. A user interface as claimed in claim 1, characterized in that it comprises a visual presentation means for presenting the effects of the assignment of the attribute to the user, and further comprises an instruction input means to convey the assignment of the value of the at least one attribute to the magnetic resonance imager.  
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6. A user interface as claimed in claim 5, characterized in that, the value of the attribute is conveyed to the magnetic resonance imager through voice control.

7. A user interface as claimed in claim 1, characterized in that, the at least one attribute is arranged to be chosen from the user interface during the acquisition of magnetic resonance image.

5 8. A user interface as claimed in claim 7, characterized in that  
the content of the visual presentation of the magnetic resonance image is  
updated via the user interface during acquisition of the magnetic resonance image,  
and the at least one attribute is arranged to be chosen from the user interface  
during the evolution of the updateable presentation of the content of the magnetic resonance  
10 image.

9. A user interface as claimed in claim 7, characterized in that, the at least one attribute is image resolution.

15 10. A user interface as claimed in claim 9, characterized in that, the magnetic resonance image is acquired using a centric encoding order.

11. A computer program used to control a user interface for the acquisition of a magnetic resonance scan, the computer program being arranged to assign values to at least  
20 one attribute used to influence the visual presentation of an acquired magnetic resonance image, characterized in that,  
the computer program is arranged to present information indicating the effects of the values on the content of the visually presented acquired magnetic resonance image,  
and the computer program being further arranged to receive the values as input  
25 values.

12. A magnetic resonance system for the acquisition of magnetic resonance images, wherein the magnetic resonance system is arranged to assign values to at least one attribute used to influence the visual presentation of an acquired magnetic resonance image,  
30 characterized in that  
the magnetic resonance system is arranged to present information indicating the effects of the values on the content of the visually presented acquired magnetic resonance image,

the magnetic resonance system being further arranged to receives the values as input values.

13. A method for the operation of a user interface for a magnetic resonance  
5 imager, involving the steps of  
presenting information indicating the effects of the assignment of values to  
attributes used to influence the content of the visual presentation of an acquired magnetic  
resonance image,  
choosing values for at least one such assignment based on the information  
10 presented,  
assigning the chosen value to the attribute.